

Blake A Wilson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6352486/publications.pdf>

Version: 2024-02-01

9
papers

249
citations

1478505

6
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics study of nanoparticles and non-ionic surfactant at an oil-water interface. <i>Soft Matter</i> , 2011, 7, 6942.	2.7	64
2	Physical, chemical, and in vitro toxicological characterization of nanoparticles in chemical mechanical planarization suspensions used in the semiconductor industry: towards environmental health and safety assessments. <i>Environmental Science: Nano</i> , 2015, 2, 227-244.	4.3	62
3	Cardiolipin-Dependent Properties of Model Mitochondrial Membranes from Molecular Simulations. <i>Biophysical Journal</i> , 2019, 117, 429-444.	0.5	36
4	Towards an understanding of structure-nonlinearity relationships in triarylamine-based push-pull electro-optic chromophores: the influence of substituent and molecular conformation on molecular hyperpolarizabilities. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2591-2599.	5.5	31
5	Site-Selective Nucleation and Size Control of Gold Nanoparticle Photothermal Antennae on the Pore Structures of a Virus. <i>Journal of the American Chemical Society</i> , 2018, 140, 17226-17233.	13.7	30
6	Nested sampling of isobaric phase space for the direct evaluation of the isothermal-isobaric partition function of atomic systems. <i>Journal of Chemical Physics</i> , 2015, 143, 154108.	3.0	8
7	Nanoparticle Fragmentation below the Melting Point under Single Picosecond Laser Pulse Stimulation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26718-26730.	3.1	7
8	Computing free energies using nested sampling-based approaches. <i>Molecular Simulation</i> , 2018, 44, 1108-1123.	2.0	4
9	Curvature and temperature-dependent thermal interface conductance between nanoscale-gold and water. <i>Journal of Chemical Physics</i> , 0, , .	3.0	4